| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/soap/SOAPException.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap//class-useSOAPException.html)    [**NO FRAMES**](http://docs.google.com/SOAPException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

**Uses of Class**

**javax.xml.soap.SOAPException**

| Packages that use [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) | |
| --- | --- |
| [**javax.xml.soap**](#3znysh7) | Provides the API for creating and building SOAP messages. |

| Uses of [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) | |
| --- | --- |

| Methods in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) that throw [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) | |
| --- | --- |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addAttribute**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addAttribute(javax.xml.soap.Name,%20java.lang.String))([Name](http://docs.google.com/javax/xml/soap/Name.html) name, [String](http://docs.google.com/java/lang/String.html) value)            Adds an attribute with the specified name and value to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addAttribute**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addAttribute(javax.xml.namespace.QName,%20java.lang.String))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname, [String](http://docs.google.com/java/lang/String.html) value)            Adds an attribute with the specified name and value to this SOAPElement object. |
| [SOAPBody](http://docs.google.com/javax/xml/soap/SOAPBody.html) | **SOAPEnvelope.**[**addBody**](http://docs.google.com/javax/xml/soap/SOAPEnvelope.html#addBody())()            Creates a SOAPBody object and sets it as the SOAPBody object for this SOAPEnvelope object. |
| [SOAPBodyElement](http://docs.google.com/javax/xml/soap/SOAPBodyElement.html) | **SOAPBody.**[**addBodyElement**](http://docs.google.com/javax/xml/soap/SOAPBody.html#addBodyElement(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)            Creates a new SOAPBodyElement object with the specified name and adds it to this SOAPBody object. |
| [SOAPBodyElement](http://docs.google.com/javax/xml/soap/SOAPBodyElement.html) | **SOAPBody.**[**addBodyElement**](http://docs.google.com/javax/xml/soap/SOAPBody.html#addBodyElement(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname)            Creates a new SOAPBodyElement object with the specified QName and adds it to this SOAPBody object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)            Creates a new SOAPElement object initialized with the given Name object and adds the new element to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname)            Creates a new SOAPElement object initialized with the given QName object and adds the new element to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(javax.xml.soap.SOAPElement))([SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) element)            Add a SOAPElement as a child of this SOAPElement instance. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName)            Creates a new SOAPElement object initialized with the specified local name and adds the new element to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix)            Creates a new SOAPElement object initialized with the specified local name and prefix and adds the new element to this SOAPElement object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addChildElement**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addChildElement(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)            Creates a new SOAPElement object initialized with the specified local name, prefix, and URI and adds the new element to this SOAPElement object. |
| [Detail](http://docs.google.com/javax/xml/soap/Detail.html) | **SOAPFault.**[**addDetail**](http://docs.google.com/javax/xml/soap/SOAPFault.html#addDetail())()            Creates an optional Detail object and sets it as the Detail object for this SOAPFault object. |
| [DetailEntry](http://docs.google.com/javax/xml/soap/DetailEntry.html) | **Detail.**[**addDetailEntry**](http://docs.google.com/javax/xml/soap/Detail.html#addDetailEntry(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)            Creates a new DetailEntry object with the given name and adds it to this Detail object. |
| [DetailEntry](http://docs.google.com/javax/xml/soap/DetailEntry.html) | **Detail.**[**addDetailEntry**](http://docs.google.com/javax/xml/soap/Detail.html#addDetailEntry(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname)            Creates a new DetailEntry object with the given QName and adds it to this Detail object. |
| [SOAPBodyElement](http://docs.google.com/javax/xml/soap/SOAPBodyElement.html) | **SOAPBody.**[**addDocument**](http://docs.google.com/javax/xml/soap/SOAPBody.html#addDocument(org.w3c.dom.Document))([Document](http://docs.google.com/org/w3c/dom/Document.html) document)            Adds the root node of the DOM [Document](http://docs.google.com/org/w3c/dom/Document.html) to this SOAPBody object. |
| [SOAPFault](http://docs.google.com/javax/xml/soap/SOAPFault.html) | **SOAPBody.**[**addFault**](http://docs.google.com/javax/xml/soap/SOAPBody.html#addFault())()            Creates a new SOAPFault object and adds it to this SOAPBody object. |
| [SOAPFault](http://docs.google.com/javax/xml/soap/SOAPFault.html) | **SOAPBody.**[**addFault**](http://docs.google.com/javax/xml/soap/SOAPBody.html#addFault(javax.xml.soap.Name,%20java.lang.String))([Name](http://docs.google.com/javax/xml/soap/Name.html) faultCode, [String](http://docs.google.com/java/lang/String.html) faultString)            Creates a new SOAPFault object and adds it to this SOAPBody object. |
| [SOAPFault](http://docs.google.com/javax/xml/soap/SOAPFault.html) | **SOAPBody.**[**addFault**](http://docs.google.com/javax/xml/soap/SOAPBody.html#addFault(javax.xml.soap.Name,%20java.lang.String,%20java.util.Locale))([Name](http://docs.google.com/javax/xml/soap/Name.html) faultCode, [String](http://docs.google.com/java/lang/String.html) faultString, [Locale](http://docs.google.com/java/util/Locale.html) locale)            Creates a new SOAPFault object and adds it to this SOAPBody object. |
| [SOAPFault](http://docs.google.com/javax/xml/soap/SOAPFault.html) | **SOAPBody.**[**addFault**](http://docs.google.com/javax/xml/soap/SOAPBody.html#addFault(javax.xml.namespace.QName,%20java.lang.String))([QName](http://docs.google.com/javax/xml/namespace/QName.html) faultCode, [String](http://docs.google.com/java/lang/String.html) faultString)            Creates a new SOAPFault object and adds it to this SOAPBody object. |
| [SOAPFault](http://docs.google.com/javax/xml/soap/SOAPFault.html) | **SOAPBody.**[**addFault**](http://docs.google.com/javax/xml/soap/SOAPBody.html#addFault(javax.xml.namespace.QName,%20java.lang.String,%20java.util.Locale))([QName](http://docs.google.com/javax/xml/namespace/QName.html) faultCode, [String](http://docs.google.com/java/lang/String.html) faultString, [Locale](http://docs.google.com/java/util/Locale.html) locale)            Creates a new SOAPFault object and adds it to this SOAPBody object. |
| void | **SOAPFault.**[**addFaultReasonText**](http://docs.google.com/javax/xml/soap/SOAPFault.html#addFaultReasonText(java.lang.String,%20java.util.Locale))([String](http://docs.google.com/java/lang/String.html) text, [Locale](http://docs.google.com/java/util/Locale.html) locale)            Appends or replaces a Reason Text item containing the specified text message and an *xml:lang* derived from locale. |
| [SOAPHeader](http://docs.google.com/javax/xml/soap/SOAPHeader.html) | **SOAPEnvelope.**[**addHeader**](http://docs.google.com/javax/xml/soap/SOAPEnvelope.html#addHeader())()            Creates a SOAPHeader object and sets it as the SOAPHeader object for this SOAPEnvelope object. |
| [SOAPHeaderElement](http://docs.google.com/javax/xml/soap/SOAPHeaderElement.html) | **SOAPHeader.**[**addHeaderElement**](http://docs.google.com/javax/xml/soap/SOAPHeader.html#addHeaderElement(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)            Creates a new SOAPHeaderElement object initialized with the specified name and adds it to this SOAPHeader object. |
| [SOAPHeaderElement](http://docs.google.com/javax/xml/soap/SOAPHeaderElement.html) | **SOAPHeader.**[**addHeaderElement**](http://docs.google.com/javax/xml/soap/SOAPHeader.html#addHeaderElement(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname)            Creates a new SOAPHeaderElement object initialized with the specified qname and adds it to this SOAPHeader object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addNamespaceDeclaration**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addNamespaceDeclaration(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)            Adds a namespace declaration with the specified prefix and URI to this SOAPElement object. |
| [SOAPHeaderElement](http://docs.google.com/javax/xml/soap/SOAPHeaderElement.html) | **SOAPHeader.**[**addNotUnderstoodHeaderElement**](http://docs.google.com/javax/xml/soap/SOAPHeader.html#addNotUnderstoodHeaderElement(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) name)            Creates a new NotUnderstood SOAPHeaderElement object initialized with the specified name and adds it to this SOAPHeader object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**addTextNode**](http://docs.google.com/javax/xml/soap/SOAPElement.html#addTextNode(java.lang.String))([String](http://docs.google.com/java/lang/String.html) text)            Creates a new Text object initialized with the given String and adds it to this SOAPElement object. |
| [SOAPHeaderElement](http://docs.google.com/javax/xml/soap/SOAPHeaderElement.html) | **SOAPHeader.**[**addUpgradeHeaderElement**](http://docs.google.com/javax/xml/soap/SOAPHeader.html#addUpgradeHeaderElement(java.util.Iterator))([Iterator](http://docs.google.com/java/util/Iterator.html) supportedSOAPURIs)            Creates a new Upgrade SOAPHeaderElement object initialized with the specified List of supported SOAP URIs and adds it to this SOAPHeader object. |
| [SOAPHeaderElement](http://docs.google.com/javax/xml/soap/SOAPHeaderElement.html) | **SOAPHeader.**[**addUpgradeHeaderElement**](http://docs.google.com/javax/xml/soap/SOAPHeader.html#addUpgradeHeaderElement(java.lang.String))([String](http://docs.google.com/java/lang/String.html) supportedSoapUri)            Creates a new Upgrade SOAPHeaderElement object initialized with the specified supported SOAP URI and adds it to this SOAPHeader object. |
| [SOAPHeaderElement](http://docs.google.com/javax/xml/soap/SOAPHeaderElement.html) | **SOAPHeader.**[**addUpgradeHeaderElement**](http://docs.google.com/javax/xml/soap/SOAPHeader.html#addUpgradeHeaderElement(java.lang.String%5B%5D))([String](http://docs.google.com/java/lang/String.html)[] supportedSoapUris)            Creates a new Upgrade SOAPHeaderElement object initialized with the specified array of supported SOAP URIs and adds it to this SOAPHeader object. |
| void | **SOAPFault.**[**appendFaultSubcode**](http://docs.google.com/javax/xml/soap/SOAPFault.html#appendFaultSubcode(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) subcode)            Adds a Subcode to the end of the sequence of Subcodes contained by this SOAPFault. |
| abstract  [SOAPMessage](http://docs.google.com/javax/xml/soap/SOAPMessage.html) | **SOAPConnection.**[**call**](http://docs.google.com/javax/xml/soap/SOAPConnection.html#call(javax.xml.soap.SOAPMessage,%20java.lang.Object))([SOAPMessage](http://docs.google.com/javax/xml/soap/SOAPMessage.html) request, [Object](http://docs.google.com/java/lang/Object.html) to)            Sends the given message to the specified endpoint and blocks until it has returned the response. |
| abstract  void | **SOAPConnection.**[**close**](http://docs.google.com/javax/xml/soap/SOAPConnection.html#close())()            Closes this SOAPConnection object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElementFactory.**[**create**](http://docs.google.com/javax/xml/soap/SOAPElementFactory.html#create(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)  **Deprecated.** *Use javax.xml.soap.SOAPFactory.createElement(javax.xml.soap.Name) instead* |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElementFactory.**[**create**](http://docs.google.com/javax/xml/soap/SOAPElementFactory.html#create(java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName)  **Deprecated.** *Use javax.xml.soap.SOAPFactory.createElement(String localName) instead* |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElementFactory.**[**create**](http://docs.google.com/javax/xml/soap/SOAPElementFactory.html#create(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)  **Deprecated.** *Use javax.xml.soap.SOAPFactory.createElement(String localName, String prefix, String uri) instead* |
| abstract  [SOAPConnection](http://docs.google.com/javax/xml/soap/SOAPConnection.html) | **SOAPConnectionFactory.**[**createConnection**](http://docs.google.com/javax/xml/soap/SOAPConnectionFactory.html#createConnection())()            Create a new SOAPConnection. |
| abstract  [Detail](http://docs.google.com/javax/xml/soap/Detail.html) | **SOAPFactory.**[**createDetail**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createDetail())()            Creates a new Detail object which serves as a container for DetailEntry objects. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(org.w3c.dom.Element))([Element](http://docs.google.com/org/w3c/dom/Element.html) domElement)            Creates a SOAPElement object from an existing DOM Element. |
| abstract  [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) name)            Creates a SOAPElement object initialized with the given Name object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) qname)            Creates a SOAPElement object initialized with the given QName object. |
| abstract  [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName)            Creates a SOAPElement object initialized with the given local name. |
| abstract  [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPFactory.**[**createElement**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createElement(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)            Creates a new SOAPElement object with the given local name, prefix and uri. |
| abstract  [SOAPFault](http://docs.google.com/javax/xml/soap/SOAPFault.html) | **SOAPFactory.**[**createFault**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createFault())()            Creates a new default SOAPFault object |
| abstract  [SOAPFault](http://docs.google.com/javax/xml/soap/SOAPFault.html) | **SOAPFactory.**[**createFault**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createFault(java.lang.String,%20javax.xml.namespace.QName))([String](http://docs.google.com/java/lang/String.html) reasonText, [QName](http://docs.google.com/javax/xml/namespace/QName.html) faultCode)            Creates a new SOAPFault object initialized with the given reasonText and faultCode |
| abstract  [SOAPMessage](http://docs.google.com/javax/xml/soap/SOAPMessage.html) | **MessageFactory.**[**createMessage**](http://docs.google.com/javax/xml/soap/MessageFactory.html#createMessage())()            Creates a new SOAPMessage object with the default SOAPPart, SOAPEnvelope, SOAPBody, and SOAPHeader objects. |
| abstract  [SOAPMessage](http://docs.google.com/javax/xml/soap/SOAPMessage.html) | **MessageFactory.**[**createMessage**](http://docs.google.com/javax/xml/soap/MessageFactory.html#createMessage(javax.xml.soap.MimeHeaders,%20java.io.InputStream))([MimeHeaders](http://docs.google.com/javax/xml/soap/MimeHeaders.html) headers, [InputStream](http://docs.google.com/java/io/InputStream.html) in)            Internalizes the contents of the given InputStream object into a new SOAPMessage object and returns the SOAPMessage object. |
| abstract  [Name](http://docs.google.com/javax/xml/soap/Name.html) | **SOAPFactory.**[**createName**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createName(java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName)            Creates a new Name object initialized with the given local name. |
| [Name](http://docs.google.com/javax/xml/soap/Name.html) | **SOAPEnvelope.**[**createName**](http://docs.google.com/javax/xml/soap/SOAPEnvelope.html#createName(java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName)            Creates a new Name object initialized with the given local name. |
| abstract  [Name](http://docs.google.com/javax/xml/soap/Name.html) | **SOAPFactory.**[**createName**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#createName(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)            Creates a new Name object initialized with the given local name, namespace prefix, and namespace URI. |
| [Name](http://docs.google.com/javax/xml/soap/Name.html) | **SOAPEnvelope.**[**createName**](http://docs.google.com/javax/xml/soap/SOAPEnvelope.html#createName(java.lang.String,%20java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix, [String](http://docs.google.com/java/lang/String.html) uri)            Creates a new Name object initialized with the given local name, namespace prefix, and namespace URI. |
| [QName](http://docs.google.com/javax/xml/namespace/QName.html) | **SOAPElement.**[**createQName**](http://docs.google.com/javax/xml/soap/SOAPElement.html#createQName(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) localName, [String](http://docs.google.com/java/lang/String.html) prefix)            Creates a QName whose namespace URI is the one associated with the parameter, prefix, in the context of this SOAPElement. |
| [Document](http://docs.google.com/org/w3c/dom/Document.html) | **SOAPBody.**[**extractContentAsDocument**](http://docs.google.com/javax/xml/soap/SOAPBody.html#extractContentAsDocument())()            Creates a new DOM [Document](http://docs.google.com/org/w3c/dom/Document.html) and sets the first child of this SOAPBody as it's document element. |
| [SOAPMessage](http://docs.google.com/javax/xml/soap/SOAPMessage.html) | **SOAPConnection.**[**get**](http://docs.google.com/javax/xml/soap/SOAPConnection.html#get(java.lang.Object))([Object](http://docs.google.com/java/lang/Object.html) to)            Gets a message from a specific endpoint and blocks until it receives, |
| abstract  [AttachmentPart](http://docs.google.com/javax/xml/soap/AttachmentPart.html) | **SOAPMessage.**[**getAttachment**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#getAttachment(javax.xml.soap.SOAPElement))([SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) element)            Returns an AttachmentPart object that is associated with an attachment that is referenced by this SOAPElement or null if no such attachment exists. |
| abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | **AttachmentPart.**[**getBase64Content**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getBase64Content())()            Returns an InputStream which can be used to obtain the content of AttachmentPart as Base64 encoded character data, this method would base64 encode the raw bytes of the attachment and return. |
| [SOAPBody](http://docs.google.com/javax/xml/soap/SOAPBody.html) | **SOAPEnvelope.**[**getBody**](http://docs.google.com/javax/xml/soap/SOAPEnvelope.html#getBody())()            Returns the SOAPBody object associated with this SOAPEnvelope object. |
| abstract  [Source](http://docs.google.com/javax/xml/transform/Source.html) | **SOAPPart.**[**getContent**](http://docs.google.com/javax/xml/soap/SOAPPart.html#getContent())()            Returns the content of the SOAPEnvelope as a JAXP Source object. |
| abstract  [Object](http://docs.google.com/java/lang/Object.html) | **AttachmentPart.**[**getContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getContent())()            Gets the content of this AttachmentPart object as a Java object. |
| abstract  [DataHandler](http://docs.google.com/javax/activation/DataHandler.html) | **AttachmentPart.**[**getDataHandler**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getDataHandler())()            Gets the DataHandler object for this AttachmentPart object. |
| abstract  [SOAPEnvelope](http://docs.google.com/javax/xml/soap/SOAPEnvelope.html) | **SOAPPart.**[**getEnvelope**](http://docs.google.com/javax/xml/soap/SOAPPart.html#getEnvelope())()            Gets the SOAPEnvelope object associated with this SOAPPart object. |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | **SOAPFault.**[**getFaultReasonLocales**](http://docs.google.com/javax/xml/soap/SOAPFault.html#getFaultReasonLocales())()            Returns an Iterator over a distinct sequence of Locales for which there are associated Reason Text items. |
| [String](http://docs.google.com/java/lang/String.html) | **SOAPFault.**[**getFaultReasonText**](http://docs.google.com/javax/xml/soap/SOAPFault.html#getFaultReasonText(java.util.Locale))([Locale](http://docs.google.com/java/util/Locale.html) locale)            Returns the Reason Text associated with the given Locale. |
| [Iterator](http://docs.google.com/java/util/Iterator.html) | **SOAPFault.**[**getFaultReasonTexts**](http://docs.google.com/javax/xml/soap/SOAPFault.html#getFaultReasonTexts())()            Returns an Iterator over a sequence of String objects containing all of the Reason Text items for this SOAPFault. |
| [SOAPHeader](http://docs.google.com/javax/xml/soap/SOAPHeader.html) | **SOAPEnvelope.**[**getHeader**](http://docs.google.com/javax/xml/soap/SOAPEnvelope.html#getHeader())()            Returns the SOAPHeader object for this SOAPEnvelope object. |
| [Object](http://docs.google.com/java/lang/Object.html) | **SOAPMessage.**[**getProperty**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#getProperty(java.lang.String))([String](http://docs.google.com/java/lang/String.html) property)            Retrieves value of the specified property. |
| abstract  [InputStream](http://docs.google.com/java/io/InputStream.html) | **AttachmentPart.**[**getRawContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getRawContent())()            Gets the content of this AttachmentPart object as an InputStream as if a call had been made to getContent and no DataContentHandler had been registered for the content-type of this AttachmentPart. |
| abstract  byte[] | **AttachmentPart.**[**getRawContentBytes**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getRawContentBytes())()            Gets the content of this AttachmentPart object as a byte[] array as if a call had been made to getContent and no DataContentHandler had been registered for the content-type of this AttachmentPart. |
| abstract  int | **AttachmentPart.**[**getSize**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#getSize())()            Returns the number of bytes in this AttachmentPart object. |
| [SOAPBody](http://docs.google.com/javax/xml/soap/SOAPBody.html) | **SOAPMessage.**[**getSOAPBody**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#getSOAPBody())()            Gets the SOAP Body contained in this SOAPMessage object. |
| [SOAPHeader](http://docs.google.com/javax/xml/soap/SOAPHeader.html) | **SOAPMessage.**[**getSOAPHeader**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#getSOAPHeader())()            Gets the SOAP Header contained in this SOAPMessage object. |
| static [SOAPElementFactory](http://docs.google.com/javax/xml/soap/SOAPElementFactory.html) | **SOAPElementFactory.**[**newInstance**](http://docs.google.com/javax/xml/soap/SOAPElementFactory.html#newInstance())()  **Deprecated.** Creates a new instance of SOAPElementFactory. |
| static [SOAPConnectionFactory](http://docs.google.com/javax/xml/soap/SOAPConnectionFactory.html) | **SOAPConnectionFactory.**[**newInstance**](http://docs.google.com/javax/xml/soap/SOAPConnectionFactory.html#newInstance())()            Creates an instance of the default SOAPConnectionFactory object. |
| static [SOAPFactory](http://docs.google.com/javax/xml/soap/SOAPFactory.html) | **SOAPFactory.**[**newInstance**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#newInstance())()            Creates a new SOAPFactory object that is an instance of the default implementation (SOAP 1.1), This method uses the following ordered lookup procedure to determine the SOAPFactory implementation class to load: Use the javax.xml.soap.SOAPFactory system property. |
| static [MessageFactory](http://docs.google.com/javax/xml/soap/MessageFactory.html) | **MessageFactory.**[**newInstance**](http://docs.google.com/javax/xml/soap/MessageFactory.html#newInstance())()            Creates a new MessageFactory object that is an instance of the default implementation (SOAP 1.1), This method uses the following ordered lookup procedure to determine the MessageFactory implementation class to load: Use the javax.xml.soap.MessageFactory system property. |
| static [SOAPFactory](http://docs.google.com/javax/xml/soap/SOAPFactory.html) | **SOAPFactory.**[**newInstance**](http://docs.google.com/javax/xml/soap/SOAPFactory.html#newInstance(java.lang.String))([String](http://docs.google.com/java/lang/String.html) protocol)            Creates a new SOAPFactory object that is an instance of the specified implementation, this method uses the SAAJMetaFactory to locate the implementation class and create the SOAPFactory instance. |
| static [MessageFactory](http://docs.google.com/javax/xml/soap/MessageFactory.html) | **MessageFactory.**[**newInstance**](http://docs.google.com/javax/xml/soap/MessageFactory.html#newInstance(java.lang.String))([String](http://docs.google.com/java/lang/String.html) protocol)            Creates a new MessageFactory object that is an instance of the specified implementation. |
| protected abstract  [MessageFactory](http://docs.google.com/javax/xml/soap/MessageFactory.html) | **SAAJMetaFactory.**[**newMessageFactory**](http://docs.google.com/javax/xml/soap/SAAJMetaFactory.html#newMessageFactory(java.lang.String))([String](http://docs.google.com/java/lang/String.html) protocol)            Creates a MessageFactory object for the given String protocol. |
| protected abstract  [SOAPFactory](http://docs.google.com/javax/xml/soap/SOAPFactory.html) | **SAAJMetaFactory.**[**newSOAPFactory**](http://docs.google.com/javax/xml/soap/SAAJMetaFactory.html#newSOAPFactory(java.lang.String))([String](http://docs.google.com/java/lang/String.html) protocol)            Creates a SOAPFactory object for the given String protocol. |
| abstract  void | **SOAPMessage.**[**saveChanges**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#saveChanges())()            Updates this SOAPMessage object with all the changes that have been made to it. |
| abstract  void | **AttachmentPart.**[**setBase64Content**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setBase64Content(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) content, [String](http://docs.google.com/java/lang/String.html) contentType)            Sets the content of this attachment part from the Base64 source InputStream and sets the value of the Content-Type header to the value contained in contentType, This method would first decode the base64 input and write the resulting raw bytes to the attachment. |
| abstract  void | **SOAPPart.**[**setContent**](http://docs.google.com/javax/xml/soap/SOAPPart.html#setContent(javax.xml.transform.Source))([Source](http://docs.google.com/javax/xml/transform/Source.html) source)            Sets the content of the SOAPEnvelope object with the data from the given Source object. |
| [SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) | **SOAPElement.**[**setElementQName**](http://docs.google.com/javax/xml/soap/SOAPElement.html#setElementQName(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) newName)            Changes the name of this Element to newName if possible. |
| void | **SOAPElement.**[**setEncodingStyle**](http://docs.google.com/javax/xml/soap/SOAPElement.html#setEncodingStyle(java.lang.String))([String](http://docs.google.com/java/lang/String.html) encodingStyle)            Sets the encoding style for this SOAPElement object to one specified. |
| void | **SOAPFault.**[**setFaultActor**](http://docs.google.com/javax/xml/soap/SOAPFault.html#setFaultActor(java.lang.String))([String](http://docs.google.com/java/lang/String.html) faultActor)            Sets this SOAPFault object with the given fault actor. |
| void | **SOAPFault.**[**setFaultCode**](http://docs.google.com/javax/xml/soap/SOAPFault.html#setFaultCode(javax.xml.soap.Name))([Name](http://docs.google.com/javax/xml/soap/Name.html) faultCodeQName)            Sets this SOAPFault object with the given fault code. |
| void | **SOAPFault.**[**setFaultCode**](http://docs.google.com/javax/xml/soap/SOAPFault.html#setFaultCode(javax.xml.namespace.QName))([QName](http://docs.google.com/javax/xml/namespace/QName.html) faultCodeQName)            Sets this SOAPFault object with the given fault code. |
| void | **SOAPFault.**[**setFaultCode**](http://docs.google.com/javax/xml/soap/SOAPFault.html#setFaultCode(java.lang.String))([String](http://docs.google.com/java/lang/String.html) faultCode)            Sets this SOAPFault object with the give fault code. |
| void | **SOAPFault.**[**setFaultNode**](http://docs.google.com/javax/xml/soap/SOAPFault.html#setFaultNode(java.lang.String))([String](http://docs.google.com/java/lang/String.html) uri)            Creates or replaces any existing Node element value for this SOAPFault object. |
| void | **SOAPFault.**[**setFaultRole**](http://docs.google.com/javax/xml/soap/SOAPFault.html#setFaultRole(java.lang.String))([String](http://docs.google.com/java/lang/String.html) uri)            Creates or replaces any existing Role element value for this SOAPFault object. |
| void | **SOAPFault.**[**setFaultString**](http://docs.google.com/javax/xml/soap/SOAPFault.html#setFaultString(java.lang.String))([String](http://docs.google.com/java/lang/String.html) faultString)            Sets the fault string for this SOAPFault object to the given string. |
| void | **SOAPFault.**[**setFaultString**](http://docs.google.com/javax/xml/soap/SOAPFault.html#setFaultString(java.lang.String,%20java.util.Locale))([String](http://docs.google.com/java/lang/String.html) faultString, [Locale](http://docs.google.com/java/util/Locale.html) locale)            Sets the fault string for this SOAPFault object to the given string and localized to the given locale. |
| void | **Node.**[**setParentElement**](http://docs.google.com/javax/xml/soap/Node.html#setParentElement(javax.xml.soap.SOAPElement))([SOAPElement](http://docs.google.com/javax/xml/soap/SOAPElement.html) parent)            Sets the parent of this Node object to the given SOAPElement object. |
| void | **SOAPMessage.**[**setProperty**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#setProperty(java.lang.String,%20java.lang.Object))([String](http://docs.google.com/java/lang/String.html) property, [Object](http://docs.google.com/java/lang/Object.html) value)            Associates the specified value with the specified property. |
| abstract  void | **AttachmentPart.**[**setRawContent**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setRawContent(java.io.InputStream,%20java.lang.String))([InputStream](http://docs.google.com/java/io/InputStream.html) content, [String](http://docs.google.com/java/lang/String.html) contentType)            Sets the content of this attachment part to that contained by the InputStream content and sets the value of the Content-Type header to the value contained in contentType. |
| abstract  void | **AttachmentPart.**[**setRawContentBytes**](http://docs.google.com/javax/xml/soap/AttachmentPart.html#setRawContentBytes(byte%5B%5D,%20int,%20int,%20java.lang.String))(byte[] content, int offset, int len, [String](http://docs.google.com/java/lang/String.html) contentType)            Sets the content of this attachment part to that contained by the byte[] array content and sets the value of the Content-Type header to the value contained in contentType. |
| void | **SOAPHeaderElement.**[**setRelay**](http://docs.google.com/javax/xml/soap/SOAPHeaderElement.html#setRelay(boolean))(boolean relay)            Sets the *relay* attribute for this SOAPHeaderElement to be either true or false. |
| void | **SOAPHeaderElement.**[**setRole**](http://docs.google.com/javax/xml/soap/SOAPHeaderElement.html#setRole(java.lang.String))([String](http://docs.google.com/java/lang/String.html) uri)            Sets the Role associated with this SOAPHeaderElement object to the specified Role. |
| abstract  void | **SOAPMessage.**[**writeTo**](http://docs.google.com/javax/xml/soap/SOAPMessage.html#writeTo(java.io.OutputStream))([OutputStream](http://docs.google.com/java/io/OutputStream.html) out)            Writes this SOAPMessage object to the given output stream. |

| Constructors in [javax.xml.soap](http://docs.google.com/javax/xml/soap/package-summary.html) that throw [SOAPException](http://docs.google.com/javax/xml/soap/SOAPException.html) | |
| --- | --- |
| [**SAAJResult**](http://docs.google.com/javax/xml/soap/SAAJResult.html#SAAJResult())()            Creates a SAAJResult that will present results in the form of a SAAJ tree that supports the default (SOAP 1.1) protocol. |
| [**SAAJResult**](http://docs.google.com/javax/xml/soap/SAAJResult.html#SAAJResult(java.lang.String))([String](http://docs.google.com/java/lang/String.html) protocol)            Creates a SAAJResult that will present results in the form of a SAAJ tree that supports the specified protocol. |

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | [**Class**](http://docs.google.com/javax/xml/soap/SOAPException.html) | **Use** | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PREV   NEXT | [**FRAMES**](http://docs.google.com/index.html?javax/xml/soap//class-useSOAPException.html)    [**NO FRAMES**](http://docs.google.com/SOAPException.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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